BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 5.00Lakhs

Name of Work:-Providing covering slabs and culvert around park in CHS 707 3rdcross in Attur ward no-03.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing B.S slab of drain and stacking (P.No 25 I.No 5.32)	sqm							
	Drain top covering slabs:-3rd cross		2	239.00	0.90		430.20		
			2	100.00	0.90		180.00		
	Basic Rate	62.00					610.20	65.72	40102.00
	Area Weightage @ 6%	3.72							
	Total	65.72							
2	Refixing stone slabs of drains and pointing in CM(1:3)(P.No 25 I.No 5.33)	Sqm							
			Vide Item No. 1				610.20	80.56	49158.00
	Basic Rate	76.00							
	Area Weightage @ 6%	4.56							
	Total	80.56							
3	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(Item no19.1,Page no141,PWD SR 2016-17)	Cum							
	Desilting of drains:-3rd cross		2	240.00	0.55	0.45	118.80		
			2	100.00	0.50	0.45	45.00		
	Park surrounding roads:-Road cuttings		2	30.00	0.65	0.20	7.80		
			2	12.00	0.55	0.20	2.64		
			3	5.00	0.60	0.20	1.80		
	Concrete sitting benches bottom concrete		12	3.00	0.60	0.20	4.32		
	Basic Rate	82.00					180.36	86.92	15677.00
	Area Weightage @ 6%	4.92							
	Total	86.92							
4	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. Specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum							
	Culverts		1	10.00	1.50				

								13.50	299.98	4050.00
	Basic Rate	283.00								
	Area Weightage @ 6%	16.98								
	Total	299.98								
5	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum								
			Vide Item No. 1+2					193.86	72.08	13973.00
	Basic Rate	68.00								
	Area Weightage @ 6%	4.08								
	Total	72.08								
6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum								
	Culverts		1	10.00	1.30	0.20	2.60			
	Park surrounding roads:-Road cuttings		2	30.00	0.65	0.15	5.85			
			2	12.00	0.55	0.15	1.98			
			3	5.00	0.60	0.15	1.35			
	Concrete sitting benches bottom concrete		12	2.50	0.60	0.15	2.70			
							14.48	5159.02	74703.00	
	Basic Rate	4867.00								
	Area Weightage @ 6%	292.02								
	Total	5159.02								
	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum								
	For culvert bottom		1	10.00	1.20	0.25	3.00			
	Side walls		2	10.00	0.25	0.80	4.00			
	Precast slabs		16							

	Approach concrete		2	10.00	0.60	0.15	1.80		
							11.68	6371.66	74421.00
	Basic Rate	6011.00							
	Area Weightage @ 6%	360.66							
	Total	6371.66							
8	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Tonne,s							
	0.11 tonne,s / cum						1.09	60103.06	65512.34
	Basic Rate	56701.00							
	Area Weightage @ 6%	3402.06							
	Total	60103.06							
	KSRB 4.6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm							
	Side walls		4	10.00		0.80	32.00		
	Basic Rate	293.00					32.00	310.58	9939.00
	Area Weightage @ 6%	17.58							
	Total	310.58							
	KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs,with 20mm and lown size graded granite metal coarse ggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts onforming to IS9103-1999 Reaffirmed-008.etc as per specification&direction of ne engineer incharge of work (pwd sr2016-7,p.no216,sno28.7.9)								
	Park surrounding roads:-Road cuttings		2	30.00	0.65	0.15	5.85		
			2	12.00	0.55	0.15	1.98		
			3	5.00	0.60	0.15	1.35		
	Concrete sitting benches bottom concrete		12	3.00	0.60	0.15	3.24		
	Basic Rate	7151.00	3				12.42	7580.06	94144.00

Area Weightage @ 6%	429.06							
Total	7580.06							
Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
Existing drain top missing and damaged covering slabs in 707 area		72	0.90	0.60		38.88		
						38.88	1498.00	58242.24
Miscellaneous charges								6.41
							Total RS	**500000.00**
(Rupees Five lakhs only)								

rtificate

The work spot has been inspected and the work is found necessary.

This estimate is prepared as per C.S.R. of 2016-17

The provisions were made in this estimate are necessary and adequate.

This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

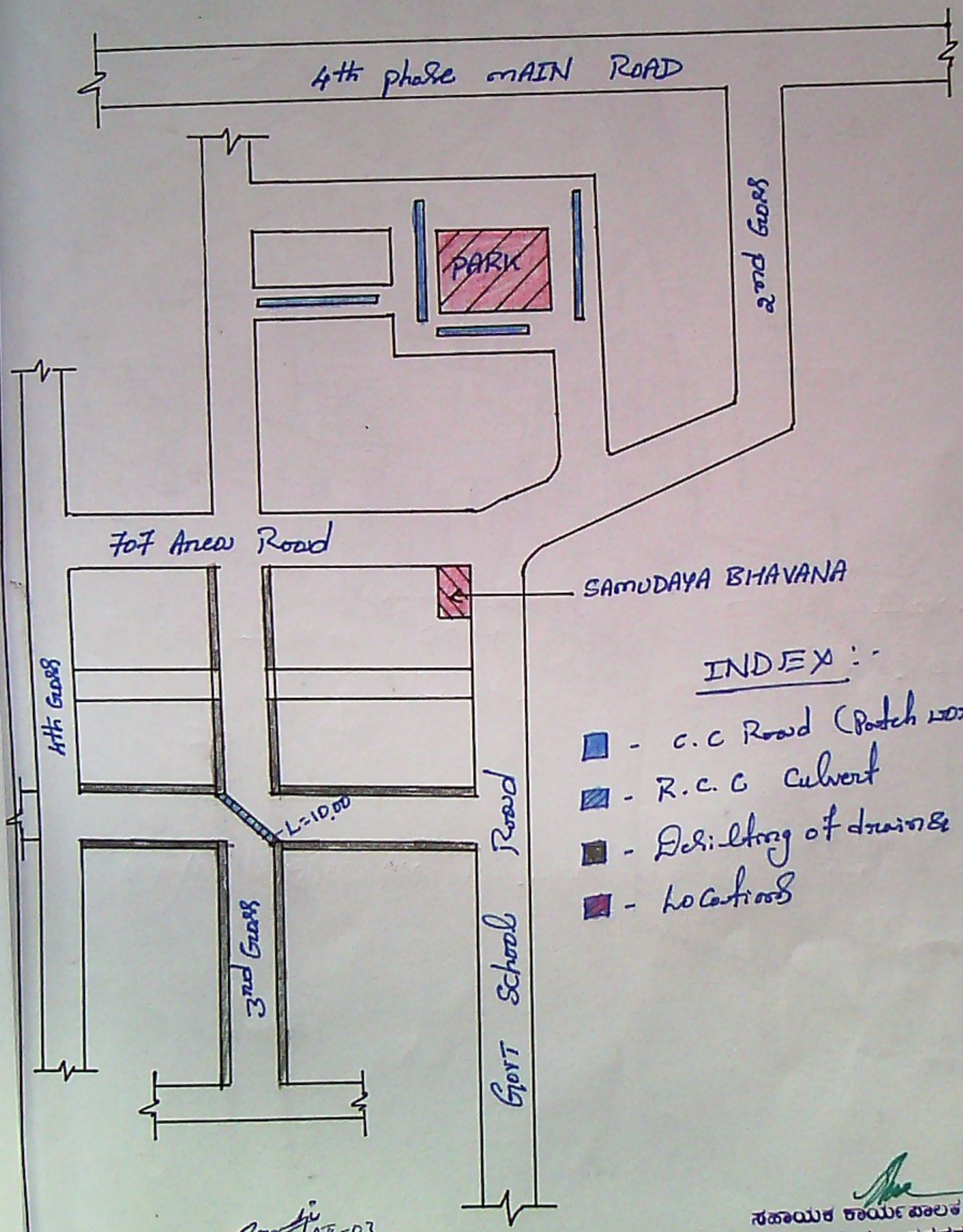
Administrative Sanction for Rs. 5.00 lakhs
Five Lakhs only
.....
is accorded under head P.1771-
2016.17
.....
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. EE/AA/5916.17 Dt 16.2.17

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 5.00L
Rupees Five Lakh only
.....
Under P.1771 2016-17
.....
Registered as CE ( ) No. 99
Subject to conditions contained in
enclosed memo EE ( ) No. ..... /BI
Dt. ..... Executive Engineer
EE/TS/83/16.17
Dated 16.2.17 Rs 5.00 lakhs

Executive Engineer

Name of work:- Providing Covering slabs and Culvert around Park in CHS 707 3rd Cross in Attur ward no-03.



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BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU

150 - YELAHANKA AC

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VILLAGE BOUNDARY
CENTRAL RESERVE POLICE FORCE
QUARRY
VILLAGE BOUNDARY
NISARGA LAYOUT
ANJANAPURA
DUO MARVEL LAYOUT
MAHALAXMI LAYOUT
RAMANASHREE CALIFORNIA GARDEN LAYOUT
VINAYAKA LAYOUT
EX.CMC WARD BND
ATTURU KERE
PUTTANAHALLI KERE
SWD DRAIN
BUS DEPOT
PUTTANAHALLI
KHB ROAD
MAIN RD
CROSS RD
4TH MAIN
COORALLAPURA RD
WHEEL & AXLE PLANT
ATTURU
MUNESWARA LAYOUT
YALAHANKA 4 & 5 STAGE
YALAHANKA NEW TOWN
EX.CMC WARD BND
VEERASAGARA KERE
VILLAGE BOUNDARY
TIRUMALA NAGARA
ATTIRU LAYOUT
208- SFS COLONY
YESHWANTPURA ROAD
VILLAGE BOUNDARY
SRI MUNESHWARA LAYOUT
HARIRAJU LAYOUT 3RD PHASE
BETTAHALLI
YESHWANTPURA ROAD
GKVK CAMPUS
WADERAHALLI KERE
BHUVANAGIRI
QUARRY
BETTAHALLI QUARRY
BEST COUNTY 3
VILLAGE BOUNDARY
GKVK CAMPUS
NETHRAVATHI LAYOUT
BASAVALINGAPPA LAYOUT
AMS LAYOUT
AMS LAYOUT
VILLAGE BOUNDARY
HILL SIDE MEADOWS
TANK
MAIN ROAD
CROSS RD
BHARATHI NAGAR MSPALYA
MAIN ROAD
MS PALYA MAIN
CHANDRAPPA LAYOUT
VIJAYARANYAPURA
MSPALYA CIRCLE

- PROPOSAL WORK SPOT

INDEX
- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

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